

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/709,420

Filing Date: May 4, 2004

Applicant: Youssef Hamidieh et. al.

Group Art Unit: 2856

Examiner: Chapman Jr., John E.

Title: Structurally Tuned Vibration Based Component Checking  
System and Method

Attorney Docket: 81098863/FMC 1747 PUS

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Sir:

This is in response to the Examiner's Office Action mailed April 21, 2006 to which a response is due by July 21, 2006. Applicants respectfully request reconsideration of the Examiner's rejections and/or objections in view of the remarks set forth below:

*Entry 2  
Approved  
J 7/24/06*  
Amendments to the Claims are reflected in the listing of claims that begins on Page 2 of this paper.

Remarks/Arguments begin on Page 13 of this paper.